


Independent claim 1 requires a recursive least squares lattice structure to receive the far-end signal. Deville discloses a recursive structure with a recursive path, but does not disclose a recursive least squares lattice structure. Claim 1 further requires a ladder structure to receive and decorrelate a microphone signal with time delays of the far-end signal. Deville does not disclose a ladder structure, does not disclose decorrelation of a microphone signal, and does not disclose decorrelation with time delays. Claim 1 also requires that recursive least squares lattice structure whiten the far-end signal. Deville does not disclose whitening.

Independent claims 5 and 17 require the step of whitening the far-end signal to provide whitened time delays. Deville never recites whitening and certainly does not provide whitened time delays. Claims 5 and 17 further recite decorrelating a microphone signal based on the whitened time delays. Deville does not perform this function as whitened time delays are not recited and are not used. Claim 17 further includes the limitation of a recursive least squares lattice structure and a ladder structure which are not found in Deville.

In order to anticipate, "every element of the claimed invention must be identically shown in a single reference." In re Bond, 910 F.2d 831, 15 USPQ 2d 1566 (Fed. Cir. 1990). The cited references do not teach or suggest a recursive least squares lattice structure to whiten a far-end signal and generate time delays or a ladder structure to decorrelate a microphone signal based on the time delays. These limitations are not found in the prior art references, and the Applicant respectfully submits that independent claims 1, 5, and 17 represent patentable subject matter. As the remaining claims depend from their respective independent claim and necessarily include all limitations of the independent claim, they likewise represent patentable subject matter.

The Applicant requests allowance of all pending claims. If there are any remaining issues of the pending claims that may be clarified by telephone, the Examiner is requested to call the undersigned.

Respectfully submitted,

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